

Attorney Docket No.
1920-0119P

BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT AND DESIGN APPLICATIONS**

As a below named inventor, I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verify, believe that I am the original, first and sole inventor (if only one inventor is named below) or an original, first and joint inventor (if plural inventors are named below), of the subject matter which is claimed and for which a patent is sought on the description set forth.

DETECTION OF RADIATION AND POSITRON EMISSION TOMOGRAPHY

the specification of which is attached hereto. If not attached hereto,
the specification was filed on _____ as _____
United States Application Number _____ ;
and amended on _____ (if applicable) and/or
the specification was filed on _____ as PCT
International Application Number _____ ; and was
amended under PCT Article 19 on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in Title 37, Code of Federal Regulations, §1.56. I do not know and do not believe that any invention or discovery made in the United States of America before my or our invention was patented or described in a published publication, or any country foreign to the United States of America prior to your application for this application, that the same was not in the public use or sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of or use on a certificate of assignment issued before the date of this application in any country foreign to the United States of America or an application filed by me or my legal representative or assigns more than twelve months (six months for designs) prior to this application, and that the application for patent or inventor's certificate on this invention has not been filed in any country foreign to the United States of America. The following statement is as follows:

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed	
<u>0004635-9</u>	<u>Sweden</u>	<u>December 14, 2000</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No
<u> </u>	<u> </u>	<u> </u>	<input type="checkbox"/>	<input type="checkbox"/>
(Number)	(Country)	(Month/Day/Year Filed)	Yes	No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

(Application Number) _____ (Filing Date) _____

All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of this Application

Country _____ **Application Number** _____ **Date of Filing (Month/Day/Year)** _____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of that application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to the patentability as defined in Part III, §7, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application

(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)
(Application Number)	(Filing Date)	(Status - patented, pending, abandoned)

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to prosecute all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolach	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K. Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,368)	Marc S. Weiner	(Reg. No. 32,181)
John McKinney Muncey	(Reg. No. 32,334)	Donald J. Daley	(Reg. No. 34,313)
John W. Bailey	(Reg. No. 32,581)	John A. Castellano	(Reg. No. 35,094)
Gary D. Yacum	(Reg. No. 35,416)		

Send Correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or **Customer No. 2292**
P.O. Box 747 • Falls Church, Virginia 22040-0747
Telephone: (703) 205-8000 • Facsimile: (703) 205-8050

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

GIVEN NAME/FAMILY NAME Tom Francke		INVENTOR'S SIGNATURE 	DATE* 9 Nov 2000
Residence (City, State & Country) Sollentuna, Sweden		CITIZENSHIP Swedish	
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) Hemgårdsvägen 2, SE-191 44 Sollentuna, Sweden			
GIVEN NAME/FAMILY NAME Vladimir Peskov	INVENTOR'S SIGNATURE 	DATE* 9 Nov 2000	
Residence (City, State & Country) Stockholm, Sweden			CITIZENSHIP Russian
POST OFFICE ADDRESS (Complete Street Address including City, State & Country) Sveavägen 164, Wennergren Center Apt 31N SE-113 46 Stockholm, Sweden			
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*	
Residence (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*	
Residence (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			
GIVEN NAME/FAMILY NAME	INVENTOR'S SIGNATURE	DATE*	
Residence (City, State & Country)			CITIZENSHIP
POST OFFICE ADDRESS (Complete Street Address including City, State & Country)			

STATEMENT CLAIMING SMALL ENTITY STATUS
(37 CFR 1.9(f) & 1.27(c)) - SMALL BUSINESS CONCERN Docket Number: 1920-0119P

Applicant, Patentee, or Identifier: Tom Francke

Application or Patent No.: NEW

Filed or Issued: January 3, 2001

Title: DETECTION OF RADIATION AND POSITRON EMISSION TOMOGRAPHY

I hereby state that I am

- the owner of the small business concern identified below:
 an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN XCounter AB

ADDRESS OF SMALL BUSINESS CONCERN Svärdvägen 11, SE-182 33 Danderyd, Sweden

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 37 CFR Part 1.21 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

- the specification filed herewith with title as listed above.
 the application identified above
 the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(f) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

- no such person, concern, or organization exists.
 each such person, concern, or organization is listed below.

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Tom Francke

TITLE IN ORGANIZATION OF PERSON SIGNING President

ADDRESS OF PERSON SIGNING Hemgårdsvägen 2, SE-191 44 Sollentuna, Sweden

SIGNATURE Tom Francke

DATE 9 Nov 2000